California Agriculture

Statistical Review
1985

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1985

STATE OF CALIFORNIA

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September 1986
Sacramento, California

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August 1986

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1220 N Street
Sacramento, CA 95814

California Agriculture

(Statistical Review for 1985)

Leads Nation for 38th Year

Sales of farm products from California farms and ranches again led the Nation in 1985. The $13.9 billion total is 45 percent greater than Iowa, the second agricultural state in 1985 and 48 percent ahead of Texas, the nearest state rival in 1984. When the 3 percent decrease from the 1984 value is compared to the 2 precent increase in tonnage produced, the picture of California agriculture that emerges is an economic squeeze of higher yields against lower prices. Impoverishment amid abundance abounds with wide variations between commodities.

The pattern is illustrated by field crops where acreage declined by 2 percent, tonnage increased 3 percent and the value dropped by 4 percent. Fruit and nut crops acreage gained by 3 percent, with tonnage up 6 percent, and value increasing by 4 percent. Vegetables decreased on all counts, acreage, tonnage, and value.

Cash receipts from sales of livestock and poultry products were down 1 percent even though gains were recorded in sales of milk and turkeys. Lower cattle prices counterbalanced these increases and feedlot marketings were down 8 percent from 1984.

Field Crops:

The value of California's 1985 field crop production is estimated at $3.0 billion. This is 4 percent below the $3.13 billion value of the 1984 production. Average value of production per acre harvested in 1985 was $512. This is 3 percent below the $526 for 1984. Production of major field crops in 1985 was 26.9 million tons, up 3 percent from the 26.2 million tons in 1984. The 5,834,000 acres harvested in 1985 was off 2 percent from the 5,955,000 acres harvested in 1984. Only rice, winter wheat, and hay had values of production above the previous year. Cotton, rice, winter wheat, and hay had larger production than the previous year. Harvested acreage of all crops except winter wheat, corn for silage, and hay was less in 1985 than in 1984.

Fruit and Nut Crops:

The total value of California's 1985 fruit and nut crops is estimated to be $2.9 billion, a 4.4 percent increase from the 1984 crop. Grapes accounted for nearly 30 percent of this estimate with $881 million in total value.

California's total fruit and nut production is estimated at 11,380,800 tons, up 5.8 percent from 1984. Total bearing acreage of 1,960,289 was the largest on record with an average value per acre of $1,500.

Deciduous tree fruit production, at 2.33 million tons was down nearly 2 percent from the 1984 total. Substantial increases in fruit output were recorded for apples, dates, table grapes, kiwifruit, and nectarines. Significantly lower production levels were recorded in 1985 for sweet cherries, plums, almonds, and pistachios. Total grape production of 5.2 million tons was up 11 percent from 1984. The 1984-85 citrus crop was 76 percent larger for Valencias, but 23 percent lower than 1983-84 for Navels. Citrus in general showed an overall increase of nearly 9 percent.

Early in the year temperatures fell below freezing in the San Joaquin Valley damaging some citrus. Strong winds along the coast and in the Coachella Valley caused scarring of citrus. In late February, cool, wet weather gave way to a warming trend with conditions returning to normal. Hot temperatures in April put stress on some fruits, especially cherries. A late April wind storm caused some fruit drop and damage from limb rubbing. Normal weather conditions returned to the State during May and early June. This was followed by above average temperatures through most of July. The major effect of the heat wave was to speed up fruit and nut maturity.

Conditions were mostly normal for August. Early fall rains in September significantly impacted raisin harvest. Although cool, wet weather prevailed for two weeks, overall damage to raisins and other crops was relatively light. Two cold fronts hit the State late in the year. Frost was reported in citrus areas with the northern Sacramento Valley the only area significantly impacted.

Vegetable Crops:

California vegetable crops in 1985 showed a decrease in acreage, production and value from the previous year. **Value of production at $3.1 billion** was down 4 percent below 1984 but higher than any previous year. Harvested acreage, at over 985 thousand acres, was 1 percent below the previous year. Major crops showing the greatest increase in value from 1984 were asparagus, broccoli, dry market onions and strawberries. These gains were more than offset by decreased values for carrots, cauliflower, celery, lettuce, market tomatoes and processing tomatoes. **California again led the Nation in vegetable production with 49.6 percent of the U.S. production of principal fresh market crops and 52.7 percent of the U.S. production of the major proccessing crops.**

Livestock and Dairy:

Cattle and calves totaled 5.0 million head on California farms and ranches January 1, 1986. The beef cow inventory decreased 6 percent and beef cow replacements were down from last year. Dairy cow numbers at 1,030,000 continued to increase for the 9th year in a row and producers kept dairy replacement heifer inventories at record high levels. Sheep and lamb inventories at 1,065,000 were the same as a year earlier. The stock sheep inventory was lower than last year, however, sheep and lambs on feed for slaughter market increased from 1985. The December 1, 1985 inventory of hogs and pigs at 145,000 showed a 4 percent increase from the previous year. **Cash receipts from farm marketings of meat animals during 1985**

totaled nearly $1.16 billion. Receipts from the sales of milk and cream during 1985 totaled $2.08 billion.

Poultry:

California egg production totaled 8.1 billion eggs during 1985, a decrease of 3 percent from 1984. The number of layers in 1985 decreased 4 percent, however, eggs per layer increased slightly. Broiler and fryer production at 174 million birds was down 1 percent from the previous year. **Cash receipts from farm marketings of chicken eggs in 1985 were $336 million, broilers $274 million, and turkeys, $205 million.**

California Firsts

- Some 250 crops are recognized in California, including seeds, flowers and ornamentals.
- This report contains information for 61 major crops grown on a commercial scale in California:

13 Field Crops
23 Fruits and Nuts
23 Vegetables
2 Nursery Products and Cut Flowers

In addition, data are shown for 10 livestock and poultry products.

A large number are specialty crops in which the Golden State accounts for most of the U.S. production.

Alfalfa Seed
Almonds
Apricots
Artichokes
Asparagus
Avocados
Broccoli
Brussels Sprouts
Cantaloups
Carrots
Casaba Melons
Cauliflower
Celery
Chinchillas
Crenshaw Melons
Cut Flowers
Dates
Eggs
Figs
Garlic
Green Lima Beans
Grapes
Herbs
Honey
Honeydew Melons
Jojoba
Kiwifruit
Ladino Clover Seed
Lemons
Lettuce
Nectarines
Nursery Products
Olives
Onions
Oriental Vegetables
Peaches
Pears, Bartlett
Persian Melons
Persimmons
Pigeons and Squabs
Pistachios
Plums
Pomegranates
Potted Plants
Prunes
Rabbits
Safflower
Spinach
Strawberries
Sudan Grass
Sugar Beets
Tomatoes, Processing
Turnips
Vegetable and Flower Seeds
Walnuts
Worms

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producting Counties, 1985

Commodity	National Ranking ①	California's Share of U.S. Production	Harvested Acreage	Production ①	Value ②	Rank Among All California Commodities ②		Harvest Season	Leading Counties ①
				Short Tons	000	1985	1984		
	Number	Percent	000 Acres	000 Tons	Dollars	Number			
Vegetables:									
Asparagus	1	⑦	35.2	49.3	74,666	36	38	Feb. 15-Jun. 30	San Joaquin, Monterey, Riverside, Imperial
Broccoli	1	91.3	97.7	478.8	215,264	17	17	Continuous	Monterey, Santa Barbara, Imperial
Bushberries									
Boysenberries	⑦	42.9③	0.6	2.1	3,007	68	67	Jun. 1-Jun. 30	Fresno, Stanislaus
Olallieberries	⑦	⑦	0.2	1.1	1,563	71	71	June. 1-Aug. 30	Santa Cruz, Monterey
Raspberries	⑦	6.6③	0.5	2.0	7,217	62	65	Jun. 1-Jul. 31	Santa Cruz, Monterey
Carrots	1	71.2	39.9	548.0	115,733	31	25	Continuous	Kern, Imperial, Monterey
Desert	-	-	11.8	147.5	31,109	-	-	Continuous	—
Other	-	-	28.1	400.5	84,624	-	-	Continuous	—
Cauliflower	1	74.7	45.6	239.5	126,441	28	27	Continuous	Monterey, Santa Barbara, Ventura, Imperial
Celery	1	71.8	21.2	661.2	134,675	26	24	Continuous	Ventura, Monterey, Santa Barbara
Central Coast	-	-	9.7	310.4	68,328	-	-	—	—
South Coast	-	-	11.5	350.8	66,347	-	-	—	—
Corn, Sweet	9	2.3	14.7	77.2	22,079	53	52	May 1-Dec. 10	Riverside, Orange, Los Angeles
Cucumbers for Processing	3	10.6	4.1	73.5	13,886	57	58	Jul. 1-Sep. 30	San Joaquin, Santa Clara, Monterey, San Benito
Lettuce	1	68.0	145.5	2,146.2	472,153	9	8	Continuous	Monterey, Imperial, Fresno, San Luis Obispo
Melons									
Cantaloup	1	⑦	75.1	582.1	131,543	27	28	May 15-Nov. 30	Fresno, Imperial, Merced, Riverside
Casaba & Santa Claus	⑦	⑦	1.7	14.5	3,324	67	64	Jun. 1-Nov. 30	Stanislaus, Kern, Riverside
Honeydew	1	71.0	18.5	171.2	34,915	46	45	Jun. 1-Nov. 30	Sutter, Yolo, Stanislaus, Imperial
Crenshaw	⑦	⑦	1.4	11.2	4,166	66	66	Jun. 1-Nov. 30	Riverside, Stanislaus, Fresno
Persian	1	⑦	0.6	5.5	1,870	70	70	Jun. 15-Oct. 31	Stanislaus, Fresno, Kern
Mushrooms, All	2	19.1	0.6	56.8	114,143	32	29	Continuous	Monterey, Santa Clara
Onions	1	28.3	32.8	638.0	116,082	30	30	Apr. 1-Oct. 31	Fresno, Kern, Imperial, Riverside, San Joaquin
Peas, Fresh Market	⑦	⑦	1.9	3.2	2,243	69	69	Feb. 15-Dec.15	Merced, Monterey, San Mateo
Peppers, Chili	⑦	⑦	3.7	7.4	8,510	60	60	Sep. 15-Dec. 15	Monterey, Fresno, Santa Clara, Santa Barbara
Potatoes	5	5.0	60.3	1,128.5	183,699	19	15	Continuous	Kern, Riverside, Siskiyou

① *Based on quantity produced for crops and on quantity marketed for livestock and poultry products.*
② *Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.*
③ *Share of U.S. production based on 1982 Census of Agriculture.*
⑦ *Not available.*

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				Short Tons	000	1985	1984		
	Number	Percent	000 Acres	000 Tons	Dollars	Number			
Strawberries	1	76.0	14.6	386.9	333,913	12	13	Feb. 20-Nov. 15	Monterey, Orange, Ventura, Santa Barbara
Fresh Market	1	77.0	-	290.2	301,228	-	-	—	—
Processing	1	73.1	-	96.7	32,685	-	-	—	—
Sweetpotatoes	3	10.0	7.4	72.2	20,058	55	53	Jul. 15-Nov. 15	Merced, Fresno
Tomatoes	1	75.1	268.3	6,491.2	541,768	-	-	—	—
Fresh Market	2	26.7	28.6	389.2	150,627	23	19	Apr. 15-Dec. 31	San Joaquin, Merced, Fresno, San Diego, Monterey
Processing	1	85.0	239.7	6,102.0	391,141	10	10	Jun. 20-Nov.10	Fresno, Yolo, San Joaquin, Solano, Sutter
Vegetables, Misc. green onions, oriental vegetables, parsley, pumpkins, squash, etc.	-	-	184.0	1,599.0	590,000	-	-	—	—
Fruits and Nuts:									
Almonds (Shelled)	1	100.0	395.0	232.5	306,544	13	9	Aug. 15-Oct. 31	Stanislaus, Merced, Kern, Butte, San Joaquin
Apples	5	6.9	21.0	310.0	58,540	40	36	Jun. 15-Oct. 30	Santa Cruz, Sonoma, Kern, San Joaquin, El Dorado
Apricots	1	97.3	22.6	128.0	26,650	48	46	Jun. 1-Jul. 25	Stanislaus, San Joaquin, San Benito, Fresno, Kern
Avocados	1	86.9	73.8	200.0	116,400	29	33	Continuous	San Diego, Ventura, Riverside, Santa Barbara
Cherries, Sweet	4	17.7	10.5	23.5	24,641	50	51	May 20-Jun. 25	San Joaquin, Santa Clara, Stanislaus, San Benito
Dates	1	99.6 ③	4.4	29.0	25,114	49	56	Oct. 1-Dec. 15	Riverside, Imperial
Figs	1	99.9 ③	13.9	32.3	9,785	59	61	Jun. 10-Sep. 15	Fresno, Madera, Merced
Grapefruit	2	14.2	21.1	258.8	53,395	41	47	—	Riverside, San Diego, Kern, San Bernardino
Desert	-	-	9.7	124.8	25,647	-	-	Nov. 10-Jun. 10	—
Other	-	-	11.4	134.0	27,748	-	-	Mar. 15-Oct. 25	—
Grapes, All	1	92.8	692.0	5,203.0	880,882	4	4	—	—
Raisin Type	-	-	286.8	2,483.0	353,782	-	-	Jul. 25-Oct. 20	Fresno, Kern, Tulare, Madera
Table Type	-	-	80.2	580.0	133,360	-	-	May 25-Nov. 5	Riverside, Tulare, Kern, Fresno, San Joaquin
Wine Type	-	-	325.0	2,140.0	393,740	-	-	Sep. 5-Oct. 30	Napa, Sonoma, Fresno, San Joaquin, Monterey

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				Short Tons	000	1985	1984		
	Number	Percent	000 Acres	000 Tons	Dollars	Number			
Kiwifruit	1	100.0 ③	4.5	22.0	16,667	56	55	Sep. 15-Dec. 28	Tulare, Kern, Butte
Lemons	1	76.7	49.6	752.4	146,784	25	31	Continuous	Ventura, Riverside, San Diego, Tulare
Nectarines	1	96.7 ③	24.6	211.0	67,800	38	40	Jun. 15-Aug. 10	Fresno, Tulare, Kern
Olives	1	99.9 ③	33.5	96.0	51,056	43	43	Oct. 1-Feb. 15	Tulare, Kern, Tehama
Oranges, All	2	32.8	175.0	1,950.0	524,029	8	12	—	—
Navel & Misc.	-	-	107.8	975.0	295,601	-	-	Nov. 10-May 15	Tulare, Kern, Fresno, Riverside
Valencia	-	-	67.2	975.0	228,428	-	-	May 10-Oct. 10	Tulare, Ventura, San Diego, Orange, Kern
Peaches, All	1	68.5	55.0	735.5	156,104	22	26	—	—
Clingstone	-	-	27.9	492.5	100,925	-	-	Jul. 15-Sep. 15	Sutter, Stanislaus, Merced, Yuba
Freestone	-	-	27.1	243.0	55,179	-	-	May 10-Sep. 25	Fresno, Tulare, Kern, Kings
Pears	1	39.6	24.4	292.5	69,735	37	41	Aug. 1-Oct. 15	Sacramento, Lake, Mendocino, Yuba
Pistachios	1	99.9 ③	31.3	13.6	38,211	45	37	Sep. 15-Dec.10	Kern, Madera, Kings
Plums	1	91.5 ③	36.3	166.5	85,512	34	44	May 25-Aug. 30	Fresno, Tulare, Kern
Pomegranates	1	100.0 ③	3.5	19.5	4,457	65	68	Sep. 15-Nov. 10	Tulare, Fresno
Prunes, Dried Basis	1	100.0	69.9	139.0	92,991	33	32	Aug. 10-Oct. 10	Sutter, Butte, Yuba, Tulare, Tehama
Tangerines, Tangelos & Tangors	1	49.0	8.2	63.0	21,017	54	57	Nov. 1-Mar. 31	Riverside, Tulare, Kern
Walnuts	1	99.2 ③	178.3	219.0	161,403	21	23	Sep. 25-Oct. 30	Tulare, Stanislaus, San Joaquin, Butte, Sutter
Field and Seed Crops:									
Alfalfa Seed	1	49.6 ③	82.0	24.0	46,051	44	39	Aug.15-Oct. 15	Fresno, Kings, Imperial
Barley	7	4.2	420.0	594.7	63,189	39	35	May 15-Oct. 5	Siskiyou, Fresno, San Luis Obispo, Kern, Modoc
Beans, Dry	2	15.6	173.0	173.3	80,411	35	34	Aug. 20-Nov. 15	Stanislaus, San Joaquin, Sutter, Fresno, Tulare
Corn for Grain	22	0.5	320.0	1,299.2	148,480	24	22	Sep. 1-Dec. 1	San Joaquin, Sacramento, Solano, Yolo
Cotton	2	-	-	-	984,911	3	3	—	Fresno, Kern, Kings, Tulare, Merced
Lint	2	23.2	1,320.0	747.4	874,411	-	-	Oct. 1-Jan. 1	—
Seed	2	24.6	-	1,300.0	110,500	-	-	—	—
Hay	4	5.4	1,570.0	7,991.0	675,240	6	6	Mar. 1-Nov. 5	Imperial, Tulare, Fresno, Kern, Merced

① *Based on quantity produced for crops and on quantity marketed for livestock and poultry products.*
② *Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.*
③ *Share of U.S. production based on 1982 Census of Agriculture.*

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				Short Tons	000	1985	1984		
	Number	Percent	000 Acres	000 Tons	Dollars	Number			
Oats	18	0.6	45.0	48.2	5,276	64	62	Jun. 15-Oct. 1	Siskiyou, San Joaquin, Sonoma, Riverside, San Luis Obispo
Rice	2	21.8	400.0	1,479.7	233,793⑧	16	18	Sep. 1-Nov. 30	Colusa, Butte, Glenn, Sutter, Yolo
Safflower	1	75.9③	90.0	96.0	24,096	51	49	Jul. 1-Sep. 15	Kings, Yolo, San Joaquin, Fresno, Sutter
Sorghum Grain	18	0.3	36.0	83.7	8,038	61	59	Sep. 15-Nov. 25	Sutter, Tulare, Kern, Yolo, Sacramento
Sugar Beets	2	21.1	203.0	4,771.0	167,462⑧	20	20	Apr. 1-Dec. 10	Imperial, San Joaquin, Fresno, Solano, Merced
Wheat	11	2.8	830.0	2,065.8	237,068	15	16	May 20-Sep. 1	Imperial, Fresno, Kings, Sutter, Yolo
Nursery and Flower Crops									
Nursery Products ④⑥	1	27.6③	-	-	742,120	5	5	Continuous	Los Angeles, Orange, San Diego, Kern, Riverside
Flowers and Foliage ④⑤	1	28.6③	-	-	551,953	7	7	Continuous	San Mateo, San Diego, Monterey, Los Angeles, Santa Barbara

① *Based on quantity produced for crops and on quantity marketed for livestock and poultry products.*
② *Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.*
③ *Share of U.S. production based on 1982 Census of Agriculture.*
④ *Extracted from Agricultural Commissioners' Annual Crop Reports.*
⑤ *Includes cut flowers, potted plants, foliage plants, bedding plants, and indoor decoratives.*
⑥ *Includes trees, shrubs, vines, bulbs, turf, and cut Christmas trees, etc., not included in flowers and foliage category.*
⑧ *The 1985 price and value are based on U.S. average price.*

California's Agricultural Commodities:

Commodity Ranking, Acreage, Production, Value, and Leading Producting Counties, 1985

Commodity	National Ranking	California's Share of U.S. Production	Production ①	Value ②	Rank Among All California Commodities ②		Leading Counties ①
					1985	1984	
	Number	Percent	000 Pounds	000 Dollars	Number		
Livestock, Poultry and Apiary							
Cattle and Calves	8	4.1	2,226,400	1,090,949	2	2	Imperial, Fresno, Tulare, Merced, Kings
Chickens	8	4.8	895,389	281,867	14	14	Stanislaus, Merced, Fresno, San Bernardino, Sonoma
Broilers and Fryers	8	4.3	819,389	274,495	-	-	—
Other	3	7.0	76,000	7,372	-	-	—
Eggs, Chicken	1	10.0	8,052 (millions of eggs)	335,500	11	11	Riverside, San Bernardino, Stanislaus, San Diego, San Joaquin
Hogs and Pigs	27	0.2	46,742	22,142	52	50	Tulare, Merced, Stanislaus, Butte, San Joaquin
Apiary							
Pollination ④	⑦	-	-	30,198	47	48	Fresno, Kern, Stanislaus, Merced, Madera
Honey & Beeswax ④	⑦	16.6 ③	7,708	10,777	58	54	Imperial, Kings, Tulare, Riverside, Fresno
Milk and Cream	2	11.8	16,688,000	2,075,531	1	1	San Bernardino, Tulare, Riverside, Merced, Stanislaus
Sheep and Lambs	2	9.4	82,708	51,771	42	42	Kern, Solano, Imperial, Merced, Tehama
Turkeys	3	11.5	426,400	204,672	18	21	Fresno, Madera, Stanislaus, Merced, Kings
Wool	2	10.0	9,143	5,760	63	63	Imperial, Kern, Merced

① *Based on quantity produced for crops and on quantity marketed for livestock and poultry products.*
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③ *Share of U.S. production based on 1982 Census of Agriculture.*
④ *Extracted from Agricultural Commissioners' annual Crop Reports.*
⑦ *Not available.*

California's Leading Farm Products

- California's "Top Twenty" crop and livestock commodities account for about 76 percent of the State's gross farm income.
- In 1985, dairy products, cattle and calves, and eggs continued to dominate the livestock industry, while cotton, grapes, nursery products, hay, flowers and foliage, oranges and lettuce were the most important crops.

California's Top Twenty

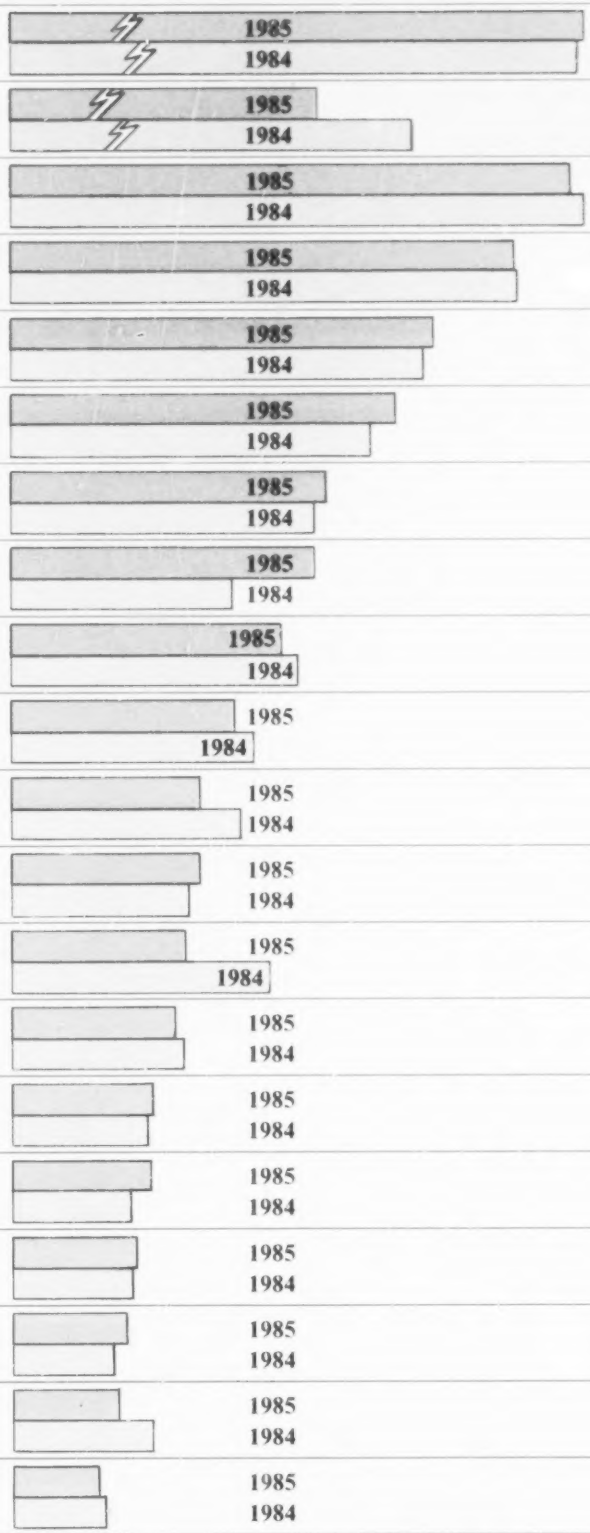
Farm Product	*Commodity Ranking*	
	1985	*1984*
	Number	
Milk and Cream	1	1
Cattle and Calves	2	2
Cotton	3	3
Grapes	4	4
Nursery Products	5	5
Hay	6	6
Flowers and Foliage	7	7
Oranges	8	12
Lettuce	9	8
Tomatoes, Processing	10	10
Eggs, Chicken	11	11
Strawberries	12	13
Almonds	13	9
Chickens	14	14
Wheat	15	16
Rice	16	18
Broccoli	17	17
Turkeys	18	21
Potatoes	19	15
Sugar Beets	20	20

California's Diversity

- California agriculture is considered one of the most diversified in the world, with no one crop dominating the State's farm economy.

  This is illustrated by the fact that most crops individually account for less than 2 percent of the State's total gross farm income.
- California leads the Nation, by a wide margin, in the production of fruits and nuts and vegetables.
- California accounts for 50 percent of the Nation's cash receipts for fruits and nuts, while for vegetables, its share is about 47 percent.

Value of California's 20 Leading Farm Products 1984–85



Milk and Cream	1985	2,075,531,000 (14.5% of State total)
	1984	1,988,008,000 (13.5% of State total)
Cattle and Calves	1985	1,090,949,000 (7.6% of State total)
	1984	1,463,485,000 (9.9% of State total)
Cotton	1985	984,911,000 (6.9% of State total)
	1984	1,078,133,000 (7.3% of State total)
Grapes	1985	880,882,000 (6.2% of State total)
	1984	882,117,000 (6.0% of State total)
Nursery Products	1985	742,120,000 (5.2% of State total)
	1984	720,149,000 (4.9% of State total)
Hay	1985	675,240,000 (4.7% of State total)
	1984	632,247,000 (4.3% of State total)
Flowers and Foliage	1985	551,953,000 (3.9% of State total)
	1984	524,371,000 (3.5% of State total)
Oranges	1985	524,029,000 (3.7% of State total)
	1984	398,161,000 (2.7% of State total)
Lettuce	1985	472,153,000 (3.3% of State total)
	1984	505,876,000 (3.4% of State total)
Tomatoes, Processing	1985	391,141,000 (2.7% of State total)
	1984	427,145,000 (2.9% of State total)
Eggs, Chicken	1985	335,500,000 (2.3% of State total)
	1984	409,313,000 (2.8% of State total)
Strawberries	1985	333,913,000 (2.3% of State total)
	1984	318,877,000 (2.2% of State total)
Almonds	1985	306,544,000 (2.1% of State total)
	1984	446,134,000 (3.0% of State total)
Chickens	1985	281,867,000 (2.0% of State total)
	1984	304,989,000 (2.1% of State total)
Wheat	1985	237,068,000 (1.7% of State total)
	1984	229,476,000 (1.6% of State total)
Rice	1985	233,793,000 (1.6% of State total)
	1984	206,146,000 (1.4% of State total)
Broccoli	1985	215,264,000 (1.5% of State total)
	1984	211,908,000 (1.4% of State total)
Turkeys	1985	204,672,000 (1.4% of State total)
	1984	178,162,000 (1.2% of State total)
Potatoes	1985	183,699,000 (1.3% of State total)
	1984	238,771,000 (1.6% of State total)
Sugar Beets	1985	167,462,000 (1.2% of State total)
	1984	178,589,000 (1.2% of State total)

**Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.*

Acreage and Production by Principal Groupings for California, 1981–85

- Acreage of all crops in 1985 totaled 8.8 million acres, virtually unchanged from 1984 but showing a decline from 1981 and 1982.
- Total tonnage increased 2 percent, with a 6 percent increase in fruit and nut production being balanced by a 4 percent decline in vegetables and melons.
- Field crops declined in acreage 2 percent while increasing production 3 percent.
- Total crop tonnage for 1985 stands at 52.5 million tons, double the level recorded in 1950.

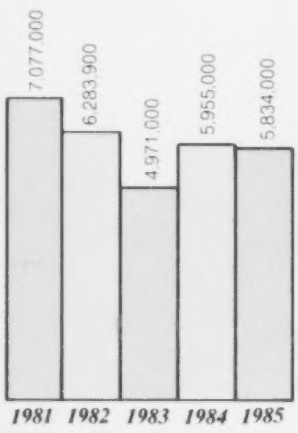
Farm and Land Values

- About 10 percent of the national gross cash receipts for farming are produced in California on 79,000 farms.
- This constitutes 3 percent of the Nation's total (based on the Census of Agriculture definition of farms being places with annual sales of agricultural products of $1,000 or more).

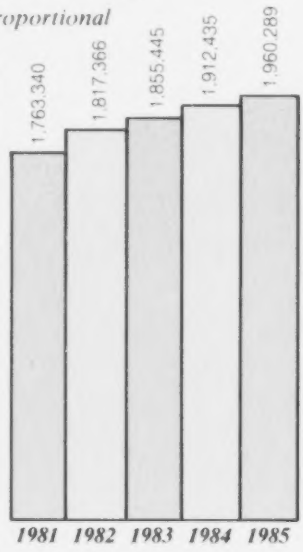
Field Crops

Acreage Harvested

Acreage harvested chart are proportional within their category but not proportional to each other.



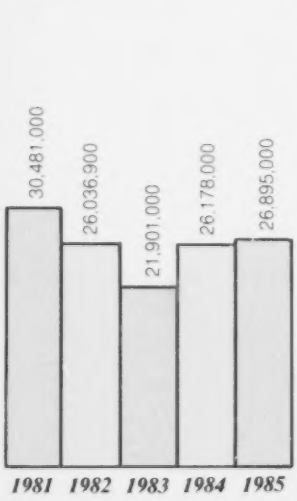
Fruit and Nut Crops

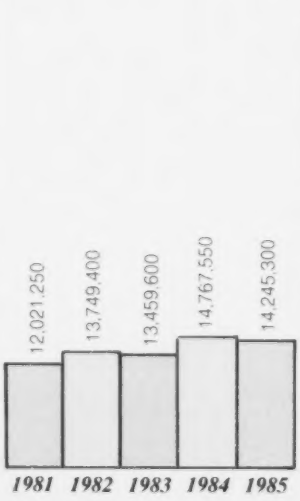


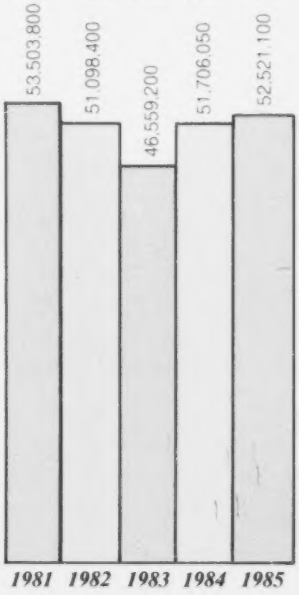
Vegetables and Melons

Total

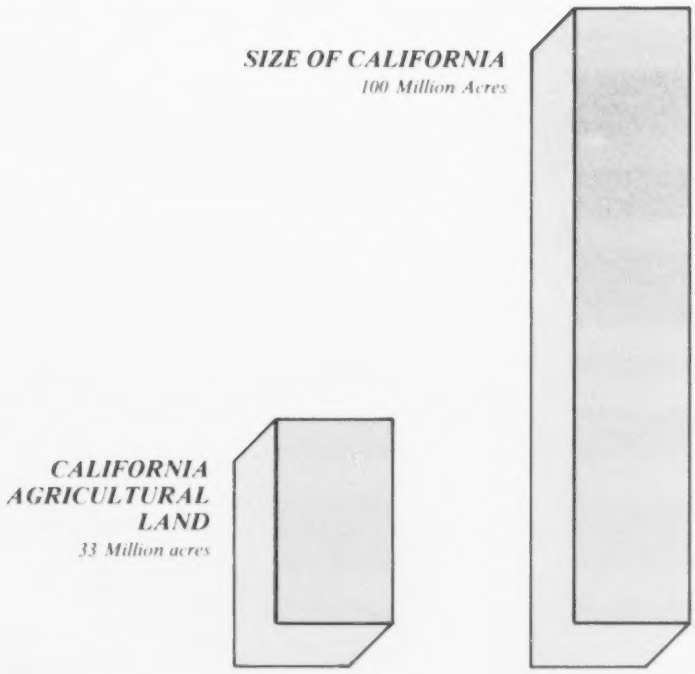
Production (Short Tons)





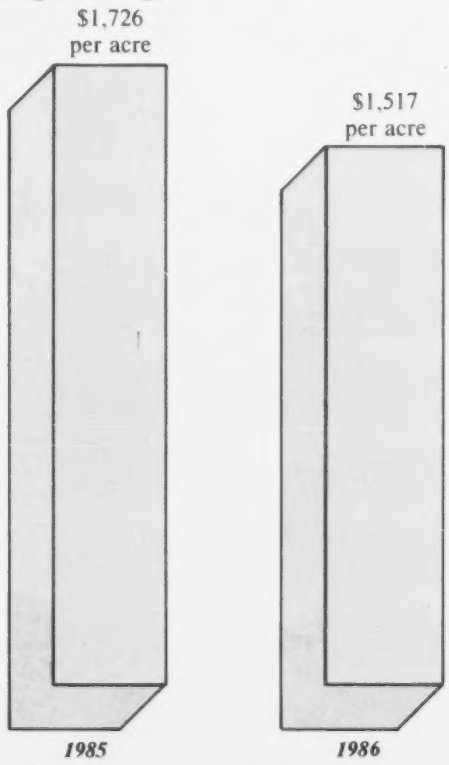


California Land

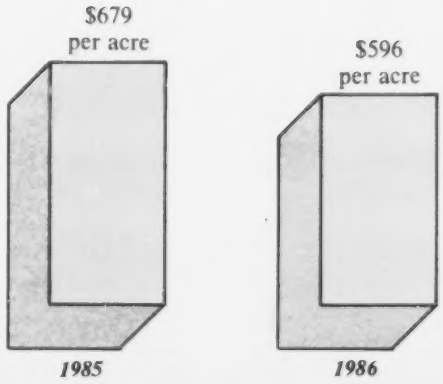


- Average California Farm Size 415 Acres
- Average U.S. Farm Size 445 Acres

California Farm Estimated Value *(including building)*



U.S. Farm Estimated Value *(including building)*



California

OREGON
DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
GLENN
BUTTE
SIERRA
NEVADA
MENDOCINO
COLUSA
SUTTER
YUBA
PLACER
LAKE
YOLO
EL DORADO
SONOMA
NAPA
SACRAMENTO
AMADOR
ALPINE
SOLANO
CALAVERAS
MARIN
CONTRA COSTA
SAN JOAQUIN
TUOLUMNE
MONO
SAN FRANCISCO
ALAMEDA
MARIPOSA
SAN MATEO
SANTA CLARA
STANISLAUS
MERCED
MADERA
SANTA CRUZ
FRESNO
INYO
SAN BENITO
MONTEREY
TULARE
KINGS
ARIZONA
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
RIVERSIDE
SAN DIEGO
IMPERIAL
MEXICO
33
50
40
51
80
Crop Reporting Districts
33 North and East Central
40 Central Coast
50 Sacramento Valley
51 San Joaquin Valley
80 Southern

California: Market value of farm real estate per acre, by region, 1977-86*

Land Use and Region	*1977*	*1978*	*1979*	*1980*	*1981*	*1982*	*1983*	*1984*	*1985*	*1986*
					Dollars					
IRRIGATED										
Truck and Vegetables										
North & East Central	-	-	-	-	-	-	2,470	2,430	2,070	1,900
Central Coast	-	-	4,200	4,900	5,890	6,380	6,410	6,280	5,550	6,000
Sacramento Vly.	1,680	1,970	2,280	2,820	3,384	3,650	3,660	3,370	2,600	2,250
San Joaquin Vly.	1,900	2,265	2,650	3,545	4,190	4,570	4,660	4,360	3,230	2,650
So. California	-	-	4,200	4,670	6,180	6,600	6,800	6,900	5,170	5,350
Intensive Field Crops ①										
North & East Central	-	-	1,400	1,700	2,020	2,100	2,030	1,720	-	-
Central Coast	-	-	2,440	2,870	3,210	3,400	3,365	3,225	-	-
Sacramento Vly.	1,500	1,710	1,900	2,540	2,900	3,260	3,200	3,110	-	-
San Joaquin Vly.	1,630	1,860	2,260	3,010	3,590	3,920	4,140	3,770	-	-
So. California	-	-	2,400	2,880	3,580	3,700	3,640	3,670	-	-
Cotton										
San Joaquin Vly.	-	-	-	-	-	-	-	-	2,800	2,150
So. California	-	-	-	-	-	-	-	-	2,750	2,450
Rice										
Sacramento Vly.	-	-	-	-	-	-	-	-	1,800	1,600
San Joaquin Vly.	-	-	-	-	-	-	-	-	1,950	1,750
Extensive Field Crops ②										
North & East Central	-	-	1,050	1,220	1,610	1,700	1,780	1,700	1,530	1,600
Central Coast	-	-	1,580	2,090	2,820	3,100	2,760	2,610	2,540	2,600
Sacramento Vly.	1,210	1,460	1,660	2,210	2,570	2,850	2,700	2,730	2,250	1,900
San Joaquin Vly.	1,300	1,620	1,970	2,680	3,180	3,640	3,750	3,500	2,890	2,350
So. California	-	-	2,300	2,890	3,350	3,460	3,640	3,550	2,920	3,000
Pasture										
North & East Central	700	730	830	1,000	1,350	1,400	1,500	1,370	1,340	1,400
Central Coast	-	-	1,750	1,830	2,090	2,200	2,300	2,190	2,250	2,600
Sacramento Vly.	945	1,040	1,500	1,595	1,980	2,060	1,960	1,950	1,620	1,400
San Joaquin Vly.	1,080	1,165	1,550	1,970	2,140	2,420	2,530	2,310	2,090	1,650
So. California	-	-	2,000	2,330	2,410	-	-	-	2,260	2,500
NONIRRIGATED										
Cropland										
North & East Central	400	465	600	620	710	850	870	840	820	850
Central Coast	640	610	790	1,000	1,360	1,500	1,490	1,550	1,420	1,150
Sacramento Vly.	600	700	880	1,140	1,320	1,400	1,470	1,490	960	820
San Joaquin Vly.	680	800	960	1,210	1,480	1,710	1,600	1,560	1,170	1,000
So. California	-	-	1,800	-	-	-	-	-	1,930	2,200
Pasture										
North & East Central	405	400	540	580	630	700	700	630	700	770
Central Coast	-	-	680	780	940	990	1,000	1,090	950	900
Sacramento Vly.	465	530	700	810	1,050	1,120	1,030	1,070	920	790
San Joaquin Vly.	570	570	775	845	1,050	1,310	1,210	1,120	950	770
Rangeland ③										
North & East Central	255	270	300	320	400	450	460	540	410	460
Central & East Central	-	-	460	570	670	700	650	690	750	800
Sacramento Vly.	250	320	430	460	500	650	660	610	650	600
San Joaquin Vly.	330	360	520	550	620	770	700	740	690	600

* *See Crop Reporting districts on page 12.*

① *Includes land used for cotton, sugar beets, rice, etc. rice and cotton published separately beginning 1985.*

② *Includes land used for barley, beans, corn, and sorghum. Beginning 1985 includes land used for alfalfa, wheat, barley, sugar beets, beans, and corn.*

③ *Unimproved*

California: Market value per acre of orchards, vineyards, and groves, by region, 1977–86*

Crop & Region	*1977*	*1978*	*1979*	*1980*	*1981*	*1982*	*1983*	*1984*	*1985*	*1986*
					Dollars					
ORCHARD										
Almonds										
Sacramento Vly.	2,600	3,250	3,850	5,150	5,600	5,940	7,080	5,880	4,560	4,100
San Joaquin Vly.	3,500	4,500	5,600	8,050	8,300	8,570	7,390	6,520	5,630	4,800
English Walnuts										
Central Coast	3,200	3,200	4,300	6,200	8,200	8,500	8,330	-	-	6,700
Sacramento Vly.	2,950	3,550	4,400	5,700	7,150	8,750	7,990	7,420	5,980	5,000
San Joaquin Vly.	3,300	3,950	5,200	6,800	8,300	8,780	8,380	7,840	5,970	5,500
Pistachios										
San Joaquin Vly.	-	-	-	-	-	-	-	-	-	8,700
Apples										
Central Coast	-	-	7,950	8,400	8,900	9,600	-	-	-	9,950
San Joaquin Vly.	-	-	-	-	-	-	-	-	5,810	6,300
Apricots										
Central Coast	-	-	-	6,000	8,200	-	-	-	-	6,100
Sacramento Vly.	-	-	-	-	-	-	-	-	-	4,100
San Joaquin Vly.	2,950	3,350	4,350	6,300	7,450	7,270	7,340	6,990	5,080	4,850
Avocados										
San Joaquin Vly.	-	-	-	8,600	9,290	-	-	-	-	-
So. California	9,200	9,950	12,700	17,200	18,300	17,720	17,030	16,905	13,970	14,000
Cherries										
San Joaquin Vly.	-	-	-	-	-	-	-	-	-	6,850
Kiwi										
San Joaquin Vly.	-	-	-	-	-	-	-	-	-	10,600
Nectarines										
San Joaquin Vly.	-	-	-	-	-	8,970	8,500	7,470	6,090	5,400
Olives										
San Joaquin Vly.	-	-	3,800	4,250	5,400	5,800	-	-	5,230	5,600
Peaches										
Sacramento Vly.	2,250	3,000	4,050	4,850	5,600	5,940	5,590	5,480	4,840	4,650
San Joaquin Vly.	3,100	3,900	5,750	7,800	8,300	8,570	7,410	6,850	5,870	5,300
Pears										
Central Coast	3,600	-	4,850	6,000	8,000	7,700	7,440	5,100	-	5,250
Sacramento Vly.	3,050	3,050	4,200	4,750	5,620	5,280	5,350	4,735	3,300	4,400
San Joaquin Vly.	-	-	-	-	-	-	-	-	-	5,150
Plums										
San Joaquin Vly.	3,350	4,450	6,000	8,300	8,900	9,770	8,770	8,030	5,940	5,500
Prunes										
Central Coast	3,650	-	5,050	5,900	7,870	8,300	8,200	8,070	-	6,750
Sacramento Vly.	2,500	2,950	3,650	4,400	5,350	5,930	5,690	5,330	4,600	4,150
San Joaquin Vly.	-	-	-	5,950	7,450	7,770	-	-	4,860	4,950
CITRUS										
Grapefruit										
San Joaquin Vly.	-	-	-	6,100	6,780	-	-	-	-	6,300
So. California	-	-	6,200	8,500	10,500	9,870	9,560	8,900	9,840	11,000
Lemons										
San Joaquin Vly.	3,350	3,300	4,250	5,900	6,950	6,440	6,850	6,610	5,540	7,300
So. California	6,050	7,150	8,600	11,900	15,250	14,110	13,860	13,020	13,020	13,400
Navel Oranges										
San Joaquin Vly.	3,150	3,550	4,850	6,350	6,950	7,410	7,510	8,070	7,880	8,250
So. California	5,250	6,400	7,200	8,600	11,250	11,400	10,100	11,180	11,810	13,400
Valencia Oranges										
San Joaquin Vly.	2,950	3,450	4,650	6,150	6,900	7,260	7,830	7,900	8,010	8,400
So. California	4,950	6,300	7,550	9,100	11,400	12,030	11,110	11,880	11,460	13,000
Tangerines										
San Joaquin Vly.	-	-	-	-	6,700	6,530	6,670	7,820	-	6,900

**Excluding nonbearing acreage and farm buildings. See Crop Reporting districts on page 12*

California: Market value per acre of orchards, vineyards, and groves, by region, 1977-86*

Crop & Region	*1977*	*1978*	*1979*	*1980*	*1981*	*1982*	*1983*	*1984*	*1985*	*1986*
					Dollars					
VINEYARDS										
Raisin Varieties										
San Joaquin Vly	3,500	4,950	6,900	10,150	10,200	10,840	9,460	6,580	4,520	4,000
Table Varieties										
San Joaquin Vly	3,450	4,650	6,500	9,300	9,350	9,560	9,920	7,810	5,550	4,850
Wine Varieties										
Central Coast	6,250	7,900	8,900	10,300	14,250	15,840	15,230	16,640	14,790	15,400
San Joaquin Vly	3,200	4,200	6,400	7,900	8,250	9,770	8,060	6,380	4,680	4,000

* *See Crop Reporting districts on page 12*

Prices Received for Field Crops, California

Year and Month		Wheat per cwt.	Oats per cwt.	Barley per cwt.	Sorghum Grain per cwt.	Dry Beans per cwt.	Potatoes per cwt.	All Hay per ton	Alfalfa Hay per ton	Cotton per lb.
		Dollars								
1985	January	6.20	7.06	5.75	5.30	28.60	8.25	87.00	90.00	639
	February	5.95	6.75	6.02	5.71	28.00	8.05	86.00	88.00	.608
	March	5.50	6.94	6.10	5.30	28.00	8.05	87.00	88.00	639
	April	5.57	6.50	5.48	5.30	27.80	8.20	93.00	95.00	.654
	May	5.83	6.50	5.73	-	27.60	10.20	89.00	90.00	629
	June	5.67	6.09	5.52	-	26.20	9.40	92.00	94.00	.652
	July	5.60	5.75	5.27	5.85	26.00	8.55	83.00	84.00	668
	August	5.33	6.31	5.15	-	26.10	7.25	79.00	80.00	.630
	September	5.53	4.84	4.94	-	25.30	6.70	81.00	81.00	574
	October	5.98	4.91	4.73	-	24.00	6.70	79.00	80.00	.603
	November	6.02	4.91	4.54	-	22.10	6.45	82.00	83.00	599
	December	5.95	5.44	5.13	-	21.70	6.40	86.00	87.00	.573
1985	Average	5.67	5.31	5.10	4.70	22.30	8.15	84.50	-	585
1984	Average	6.02	6.88	6.15	5.30	29.20	10.60	83.00	-	.668
1983	Average	6.73	7.03	6.77	6.55	32.00	9.20	99.50	-	728

Prices Received for Fruit Crops, California Grower Return Basis

Year and Month		Apples Fresh per lb.	Peaches Fresh per lb.	Pears Fresh per lb.	Navel Oranges Fr. per box	Valencia Oranges Fr. per box	Grapefruit Fresh per box	Lemons Fresh per box	Tangerines Fresh per box
		Dollars							
1985	January	.230	-	-	13.34	-	10.28	9.04	20.05
	February	.230	-	-	12.14	15.48	9.48	8.14	19.35
	March	.230	-	-	10.74	13.28	7.96	8.54	13.15
	April	.230	-	-	11.94	11.38	8.13	9.34	11.82
	May	.220	.175	-	16.14	11.88	9.49	12.64	15.35
	June	-	.120	-	-	11.48	10.06	17.14	9.75
	July	-	.150	.165	-	10.78	10.36	23.44	9.75
	August	.192	.130	.145	-	10.68	9.76	27.24	-
	September	.259	.100	.110	-	8.78	9.70	38.22	-
	October	.159	-	.125	-	8.58	10.06	34.80	-
	November	.161	-	.225	-	7.18	7.36	26.30	-
	December	.281	-	-	-	6.88	11.46	19.50	-
1985	Average*	.225	.135	.136	12.54	11.48	9.55	13.24	17.15
1984	Average*	.257	.110	.088	7.28	16.84	6.70	10.90	13.50
1983	Average*	.224	.127	.105	6.24	5.86	5.44	9.36	10.80

* *Citrus and apple average based on marketing year; peaches and pears on a calendar year.*

Prices Received for Livestock and Livestock Products, California

Year and Month		All Beef Cattle per cwt.	Cows per cwt.	Steers & Heifers per cwt.	Calves per cwt.	Lambs per cwt.	Milk Sold to Plants per cwt.	Broilers per lb.	Turkeys per lb.	Market Eggs per doz.
		Dollars								
1985	January	51.30	38.90	61.20	59.20	62.40	13.22	350	490	410
	February	53.90	41.60	61.70	61.30	64.50	13.07	.320	.430	.480
	March	51.60	42.50	58.20	58.80	65.00	12.80	320	420	540
	April	48.40	40.00	55.50	59.90	69.00	12.23	.320	.410	.430
	May	50.20	38.50	56.20	57.40	73.80	12.09	320	400	370
	June	48.80	37.20	54.40	54.70	70.40	11.93	.350	.410	.430
	July	46.80	36.50	52.70	52.50	68.10	11.71	350	430	410
	August	45.90	35.00	52.30	53.00	70.50	11.73	.340	.460	.440
	September	44.40	34.70	50.80	52.50	71.10	11.94	340	490	520
	October	46.90	33.20	55.00	54.70	69.10	11.81	.340	.530	.560
	November	48.30	32.80	57.00	53.70	66.40	11.96	350	600	580
	December	50.10	33.80	60.20	51.90	66.90	12.10	.370	.600	.620
1985	Average	48.80	37.00	56.00	55.80	68.30	12.18	335	480	476
1984	Average	53.80	39.40	61.00	56.30	59.70	12.85	.360	.420	.570
1983	Average	53.30	39.30	59.80	57.10	56.40	13.06	320	350	526

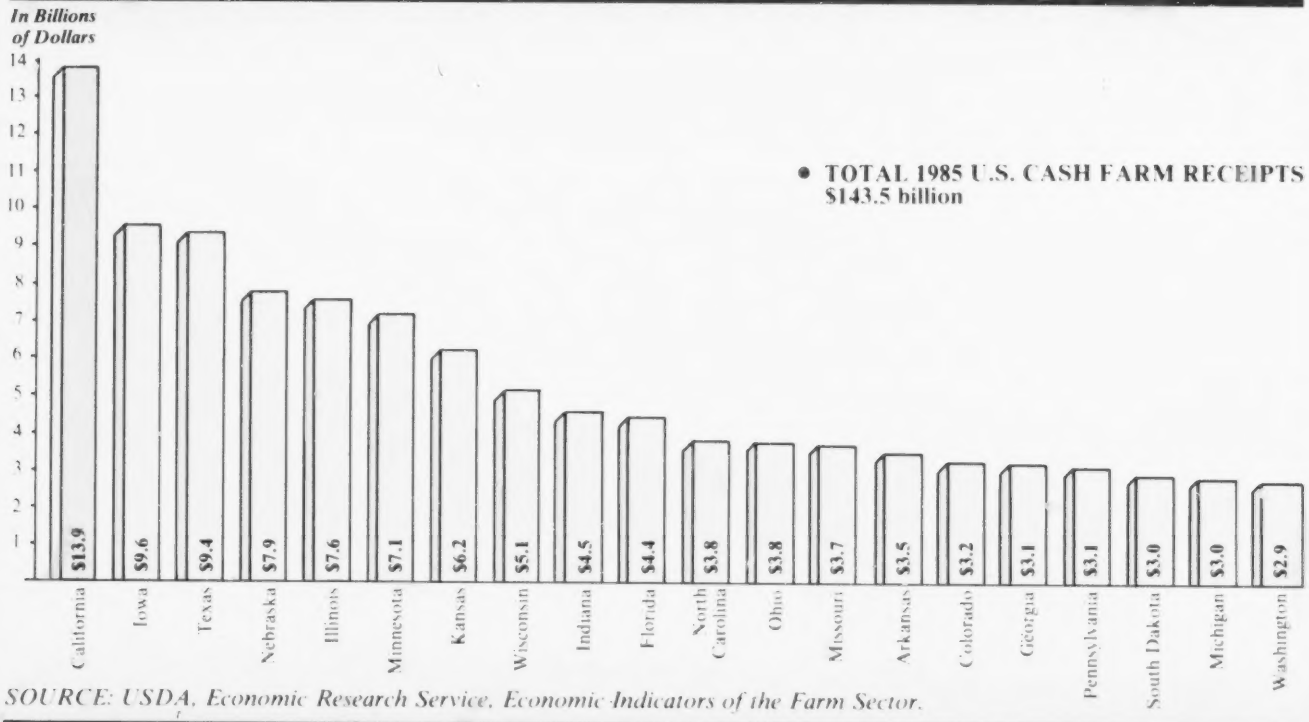
California's Leading Agricultural Counties* By Total Value of Production—1985

Rank 1985	Rank 1984	County	Value of Production 000 Dollars
1	1	Fresno	2,113,840
2	2	Tulare	1,368,704
3	3	Kern	1,218,233
4	4	Monterey	971,817
5	5	Riverside	944,584
6	6	Merced	812,419
7	7	Stanislaus	772,299
8	8	Imperial	738,243
9	9	San Joaquin	699,407
10	12	San Bernardino	556,617
11	10	Ventura	551,923
12	11	Kings	548,626
13	13	San Diego	545,528
14	15	Santa Barbara	341,801
15	14	Madera	321,740
16	16	Los Angeles	293,223
17	17	Orange	260,088
18	18	Sutter	255,476
19	20	San Luis Obispo	213,254
20	19	Sonoma	211,551
21	23	Sacramento	191,370
22	21	Yolo	190,003
23	24	San Mateo	179,590
24	22	Butte	162,364
25	29	Solano	153,178
26	27	Glenn	145,617
27	28	Colusa	141,557
28	30	Santa Clara	139,618
29	25	Santa Cruz	112,033
30	26	Siskiyou	108,467
31	31	San Benito	99,799
32	32	Napa	85,130
33	33	Tehama	76,072
34	34	Yuba	72,557
35	36	Contra Costa	63,172

**Does not include value of timber products.*

SOURCE: California Agricultural Commissioners' Annual Crop Reports.

Top 20 States in 1985 Cash Farm Receipts



SOURCE: USDA, Economic Research Service, Economic Indicators of the Farm Sector.

California Number of Farms, Land in Farms, and Size of Farm 1950–85

Year	Number of Farms	Land in Farms	Average Size of Farm
		000 Acres	Acres
1950*	144,000	37,500	260
1955	124,000	39,000	316
1960	108,000	38,800	359
1965	82,000	37,800	461
1970	64,000	36,600	572
1975**	73,000	34,300	470
1980	81,000	33,800	417
1981	83,000	33,600	405
1982	82,000	33,400	407
1983	80,000	33,200	415
1984	78,000	33,000	423
1985***	79,000	32,800	415

* *Old definition of farm: Places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.*

** *New definition of farm: Places with annual sales of agricultural products of $1,000 or more.*

*** *Preliminary.*

1984–85 and 1985–86 Season Rainfall, with Comparisons to Normal

California Stations	1984–85 Precipitation July 1 to June 28	1984–85 Percent of Normal	1985–86 Precipitation July 1 to June 30	1985–86 Percent of Normal	Normal July 1 to June 30
	Inches	Percent	Inches	Percent	Inches
North Coast					
Eureka	35.21	89	33.24	84	39.76
Ukiah	28.00	78	47.06	131	35.94
Santa Rosa	22.47	77	Missing	—	29.25
Lakeport	21.81	76	Missing	—	28.52
St. Helena	23.15	70	50.96	154	33.11
Central Coast					
San Francisco AP	16.98	87	25.55	131	19.53
San Jose	13.07	100	Missing	—	13.11
Livermore	12.47	87	Missing	—	14.40
Salinas AP	8.80	62	Missing	—	14.14
King City	8.77	84	17.26	165	10.46
Paso Robles AP	7.80	64	Missing	—	12.25
Sacramento Valley					
Red Bluff AP	15.99	72	31.77	144	22.06
Willows	14.15	80	24.82	140	17.70
Marysville	15.55	76	26.47	129	20.59
Woodland	16.53	96	26.56	154	17.28
Sacramento AP	10.66	62	24.39	142	17.22
San Joaquin Valley					
Stockton AP	10.84	76	17.48	123	14.17
Merced	8.81	73	Missing	—	12.12
Fresno AP	7.94	78	15.74	154	10.24
Five Points	Missing	—	9.67	148	6.53
Kettleman Station	3.85	62	9.24	148	6.24
Bakersfield AP	4.04	71	7.23	126	5.72
South Coast					
Santa Maria AP	8.54	70	15.36	125	12.25
Santa Barbara AP	11.70	75	19.58	126	15.60
Oxnard	10.65	72	26.53	180	14.75
Los Angeles	11.36	81	17.86	127	14.06
Riverside	7.26	73	10.88	110	9.92
Corona	Missing	—	13.79	111	12.42
San Diego AP	9.65	102	13.99	148	9.45
Southeastern Interior					
Bishop AP	2.39	42	Missing	—	5.72
Lancaster	6.95	102	5.17	76	6.80
Daggett AP	4.08	87	Missing	—	4.70
Thermal AP	3.54	121	Missing	—	2.93
Blythe AP	6.54	165	Missing	—	3.96
Imperial	2.99	102	4.3	154	2.84
Cascade-Sierra					
Tulelake	9.81	96	11.66	114	10.21
Alturas	Missing	—	17.66	138	12.82
Mt. Shasta City	28.13	75	Missing	—	37.49
Blue Canyon AP	47.63	70	95.64	142	67.58
Yosemite Valley	24.81	68	56.28	154	36.51
Huntington Lake	33.90	104	58.70	181	32.45

SOURCE: National Weather Service Office, Sacramento, CA

California Department of Food and Agriculture

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Milk and Dairy Foods Control ..... Richard Tate
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Assistant Director
INSPECTION SERVICES, DIVISION OF . Ezio F. Delfino
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Chemistry Laboratory Services .... George Tichelaar
Feed, Fertilizer, Livestock and Drugs Stan Buscombe
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Egg Quality Control ..... Ardie Ferrill
Processing ..... John Wiley
Shipping Point Inspection ..... Richard Kazuki
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Standardization ..... Reginald Marcellino
Grain and Commodity Inspection .... David E. Edmiston
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Special Assistant ..... Emil M. Loe
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Market Enforcement Branch ..... George A. Reese
Market News Branch ..... Vacant
Marketing Branch ..... Richard E. Gassman
Direct Marketing Program ..... Les Portello
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Milk Stabilization Branch ..... David Ikari
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Special Assistant ..... Barbara Block
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PROTECTION AND WORKER SAFETY,
DIVISION OF ..... Rex Magee
Associate Director
Special Assistant ..... Robert Peterson
Environmental Monitoring and
Pest Management ..... Ronald Oshima
Acting
Information Services ..... Richard Knoll
Pesticide Enforcement ..... James Wells
Pesticide Registration and
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Worker Health and Safety ..... Keith T. Maddy
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Sacramento

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